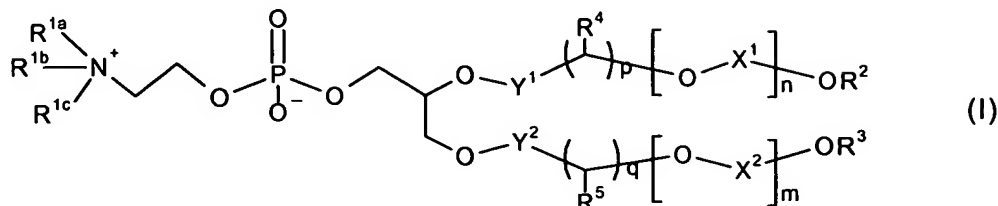


**Amendments to the Claims:**

Please amend the claims as follows:

Claim 1 (Currently amended): A compound of formula (I)



or a salt or solvate thereof wherein:

m, n, p and q independently represent an integer 1 to 12;

R<sup>1a</sup>, R<sup>1b</sup> and R<sup>1c</sup> independently represent C<sub>1-3</sub> alkyl or hydrogen;

R<sup>2</sup> and R<sup>3</sup> independently represent C<sub>1-4</sub> alkyl optionally substituted with up to 5 fluorine atoms or -COC<sub>1-2</sub> alkyl optionally substituted with up to 5 fluorine atoms;

R<sup>4</sup> and R<sup>5</sup> independently represent -CH<sub>3</sub> or hydrogen.

X<sup>1</sup> and X<sup>2</sup> independently represent -(CH<sub>2</sub>)<sub>2</sub>-, -(CH<sub>2</sub>)<sub>3</sub>-, -CH(CH<sub>3</sub>)CH<sub>2</sub>-,  
-CH<sub>2</sub>CH(CH<sub>3</sub>)-, -CH(CH<sub>3</sub>)CH<sub>2</sub>CH<sub>2</sub>-, -CH(CH<sub>3</sub>)CH<sub>2</sub>CH<sub>2</sub>-, -CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>-,  
-CH<sub>2</sub>CH<sub>2</sub>CH(CH<sub>3</sub>)-, -CH<sub>2</sub>CH<sub>2</sub>CH(CH<sub>3</sub>)- or -COCH(CH<sub>3</sub>)-; and

Y<sup>1</sup> and Y<sup>2</sup> independently represent -CH<sub>2</sub>- or carbonyl;

with the proviso that when:

p and q represent 1;

m and n independently represent an integer between 1 to 12;

R<sup>4</sup> and R<sup>5</sup> represent hydrogen;

X<sup>1</sup> and X<sup>2</sup> represent -(CH<sub>2</sub>)<sub>2</sub>-; and

Y<sup>1</sup> and Y<sup>2</sup> represent -CH<sub>2</sub>-; then

R<sup>2</sup> and R<sup>3</sup> may only represent -C<sub>1-2</sub> C<sub>1+2</sub> alkyl optionally substituted with up to 5 fluorine atoms or -COC<sub>1-2</sub> alkyl optionally substituted with up to 5 fluorine atoms.

Claim 2 (Currently amended): A compound ~~of formula (I)~~ according to claim 1, wherein n and m represent an integer 2 to 8.

Claim 3 (Currently amended): A compound ~~of formula (I)~~ according to claim 1 ~~or claim 2~~, wherein p and q represent an integer 1 to 6.

Claim 4 (Currently amended): A compound ~~of formula (I)~~ according to ~~any one of claims claim 1 to 3~~, wherein R<sup>1a</sup> represents methyl.

Claim 5 (Currently amended): A compound ~~of formula (I)~~ according to ~~any one of claims claim 1 to 4~~, wherein R<sup>1b</sup> represents methyl.

Claim 6 (Currently amended): A compound ~~of formula (I)~~ according to ~~any one of claims claim 1 to 5~~, wherein R<sup>1c</sup> represents methyl.

Claim 7 (Currently amended): A compound ~~of formula (I)~~ according to ~~any one of claims claim 1 to 6~~, wherein R<sup>4</sup> and R<sup>5</sup> represent hydrogen.

Claim 8 (Currently amended): A compound ~~of formula (I)~~ according to ~~any one of claims claim 1 to 7~~, wherein Y<sup>1</sup> represents carbonyl.

Claim 9 (Currently amended): A compound ~~of formula (I)~~ according to ~~any one of claims claim 1 to 8~~, wherein Y<sup>2</sup> represents carbonyl.

Claim 10 (Currently amended): A compound ~~of formula (I)~~ according to claim 1, wherein

p and q independently represent 1 to 3;

R<sup>2</sup> and R<sup>3</sup> independently represent C<sub>1-4</sub> alkyl optionally substituted with up to 5 fluorine atoms or -COC<sub>1-2</sub> alkyl optionally substituted with up to 5 fluorine atoms;

R<sup>4</sup> and R<sup>5</sup> independently represent hydrogen or -CH<sub>3</sub>;

X<sup>1</sup> and X<sup>2</sup> represent -COCH(CH<sub>3</sub>)-; and  
Y<sup>1</sup> and Y<sup>2</sup> represent carbonyl.

Claim 11 (Currently amended): A compound ~~of formula (I)~~ according to claim 1, wherein

p and q independently represent 1 to 3;  
R<sup>2</sup> and R<sup>3</sup> independently represent C<sub>1-4</sub> alkyl optionally substituted with up to 5 fluorine atoms or -COC<sub>1-2</sub> alkyl optionally substituted with up to 5 fluorine atoms;  
R<sup>4</sup> and R<sup>5</sup> independently represent hydrogen or methyl;  
X<sup>1</sup> and X<sup>2</sup> preferably independently represent -(CH<sub>2</sub>)<sub>2</sub>-, -(CH<sub>2</sub>)<sub>3</sub>-, -CH(CH<sub>3</sub>)CH<sub>2</sub>-, -CH<sub>2</sub>CH(CH<sub>3</sub>)-, -CH(CH<sub>3</sub>)CH<sub>2</sub>CH<sub>2</sub>-, -CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>- or -CH<sub>2</sub>CH<sub>2</sub>CH(CH<sub>3</sub>)- [[CH<sub>2</sub>CH<sub>2</sub>CH(CH<sub>3</sub>)-]]; and  
Y<sup>1</sup> and Y<sup>2</sup> independently represent -CH<sub>2</sub>- or carbonyl.

Claim 12 (Currently amended): A pharmaceutical aerosol formulation which comprises particulate medicament, a fluorocarbon or hydrogen-containing chlorofluorocarbon propellant, or mixtures thereof, and a compound ~~of formula (I)~~ according to ~~any one of claims~~ claim 1 to 11 ~~or a salt or solvate thereof~~.

Claim 13 (Currently amended): A pharmaceutical aerosol formulation according to claim 12 wherein the amount of the compound according to claim 1 ~~of formula (I)~~ employed is in the range 0.5% to 10%w/w, relative to the amount of the medicament.

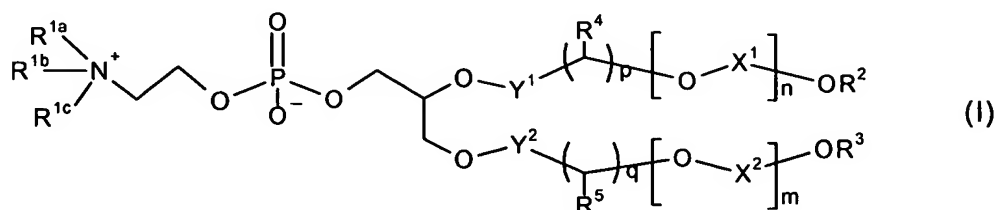
Claim 14 (Currently amended): A pharmaceutical aerosol formulation according to claim 12 ~~or 13~~ wherein the formulation contains 0.01 to 1.0%w/w of medicament, relative to the total weight of the formulation.

Claim 15 (Currently amended): A pharmaceutical aerosol formulation according to ~~any one of claims~~ claim 12 to 14, wherein the propellant is 1,1,1,1,3,3,3-heptafluoro-n-propane or 1,1,1,2-tetrafluoroethane.

Claim 16 (Currently amended): A metered dose inhaler comprising a ~~formulation~~ formulation according to ~~any one of claims claim~~ claim 12 to 15.

Claims 17-19 (Cancelled)

Claim 20 (Currently amended): A process for preparing a compound of formula (I)



or a salt or solvate thereof wherein:

m, n, p and q independently represent an integer 1 to 12;

R<sup>1a</sup>, R<sup>1b</sup> and R<sup>1c</sup> independently represent C<sub>1-3</sub> alkyl or hydrogen;

R<sup>2</sup> and R<sup>3</sup> independently represent C<sub>1-4</sub> alkyl optionally substituted with up to 5 fluorine atoms or -COC<sub>1-2</sub> alkyl optionally substituted with up to 5 fluorine atoms;

R<sup>4</sup> and R<sup>5</sup> independently represent -CH<sub>3</sub> or hydrogen.

X<sup>1</sup> and X<sup>2</sup> independently represent -(CH<sub>2</sub>)<sub>2</sub>-, -(CH<sub>2</sub>)<sub>3</sub>-, -CH(CH<sub>3</sub>)CH<sub>2</sub>-,

-CH<sub>2</sub>CH(CH<sub>3</sub>)-, -CH(CH<sub>3</sub>)CH<sub>2</sub>CH<sub>2</sub>-, -CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>-,

-CH<sub>2</sub>CH<sub>2</sub>CH(CH<sub>3</sub>)- or -COCH(CH<sub>3</sub>)-; and

Y<sup>1</sup> and Y<sup>2</sup> independently represent -CH<sub>2</sub>- or carbonyl;

with the proviso that when:

p and q represent 1;

m and n independently represent an integer between 1 to 12;

R<sup>4</sup> and R<sup>5</sup> represent hydrogen;

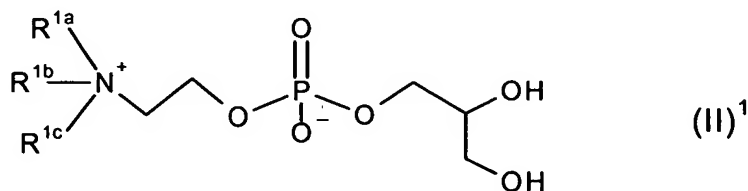
X<sup>1</sup> and X<sup>2</sup> represent -(CH<sub>2</sub>)<sub>2</sub>-; and

Y<sup>1</sup> and Y<sup>2</sup> represent -CH<sub>2</sub>-; then

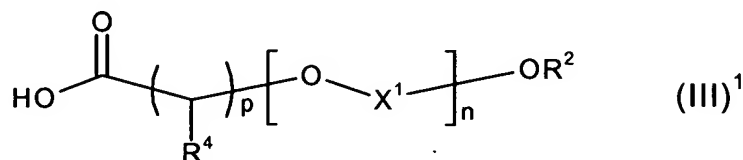
R<sup>2</sup> and R<sup>3</sup> may only represent -C<sub>1-2</sub> alkyl optionally substituted with up to 5 fluorine atoms or -COC<sub>1-2</sub> alkyl optionally substituted with up to 5 fluorine atoms

~~which comprises~~ said process comprising:

- (a) preparation of a compound of formula (I) wherein R<sup>2</sup> represents the same as R<sup>3</sup>, R<sup>4</sup> represents the same as R<sup>5</sup>, X<sup>1</sup> represents the same as X<sup>2</sup>, Y<sup>1</sup> and Y<sup>2</sup> represent carbonyl, m represents the same as n, and p represents the same as q, by reacting a compound of formula (II)<sup>1</sup>

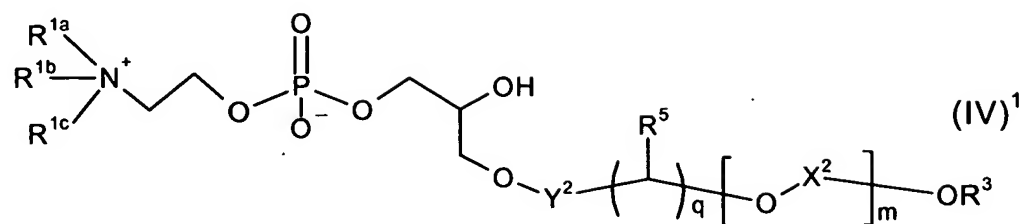


or a salt thereof, wherein R<sup>1a</sup>, R<sup>1b</sup> and R<sup>1c</sup> are as defined above for formula (I), with a compound of formula (III)<sup>1</sup>



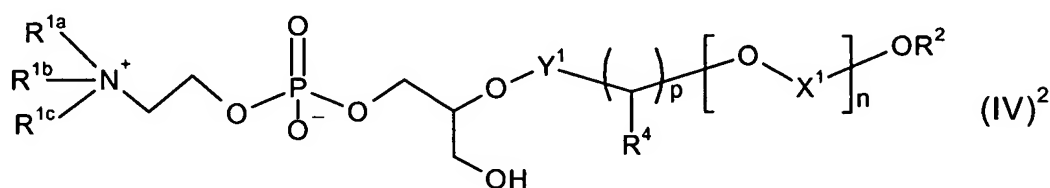
or an activated derivative thereof, wherein R<sup>2</sup>, R<sup>4</sup>, X<sup>1</sup>, n and p are as defined above for formula (I); or

- (b) preparation of a compound of formula (I) wherein Y<sup>1</sup> represents carbonyl which comprises reacting a compound of formula (IV)<sup>1</sup>

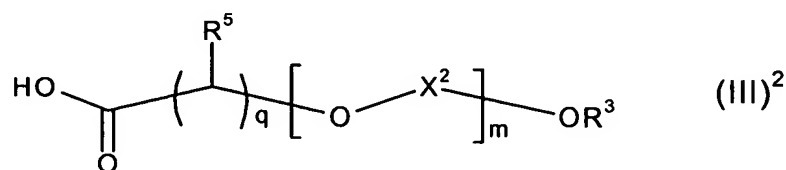


or a salt thereof, wherein  $\text{R}^{1a}$ ,  $\text{R}^{1b}$ ,  $\text{R}^{1c}$ ,  $\text{R}^3$ ,  $\text{R}^5$ ,  $\text{X}^2$ ,  $\text{Y}^2$ ,  $m$  and  $q$  are as defined above for formula (I), with a compound of formula (III)<sup>1</sup> or an activated derivative thereof; or

(c) preparation of a compound of formula (I) wherein  $\text{Y}^2$  represents carbonyl which comprises reacting a compound of formula (IV)<sup>2</sup>

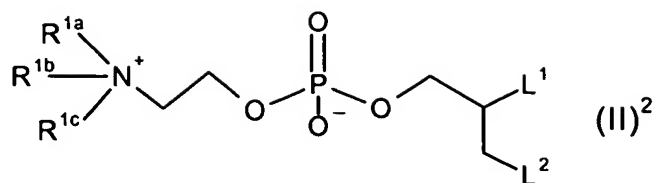


or a salt thereof, wherein  $\text{R}^{1a}$ ,  $\text{R}^{1b}$ ,  $\text{R}^{1c}$ ,  $\text{R}^2$ ,  $\text{R}^4$ ,  $\text{X}^1$ ,  $\text{Y}^1$ ,  $n$  and  $p$  are as defined above for formula (I) with a compound of formula (III)<sup>2</sup>

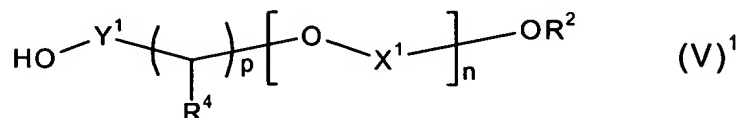


or an activated derivative thereof, wherein  $\text{R}^3$ ,  $\text{R}^5$ ,  $\text{X}^2$ ,  $m$  and  $q$  are as defined above for formula (I); or

(d) preparation of a compound of formula (I), wherein  $\text{R}^2$  represents the same as  $\text{R}^3$ ,  $\text{R}^4$  represents the same as  $\text{R}^5$ ,  $\text{X}^1$  represents the same as  $\text{X}^2$ ,  $\text{Y}^1$  represents the same as  $\text{Y}^2$ ,  $m$  represents the same as  $n$ , and  $p$  represents the same as  $q$ , by reacting a compound of formula (II)<sup>2</sup>

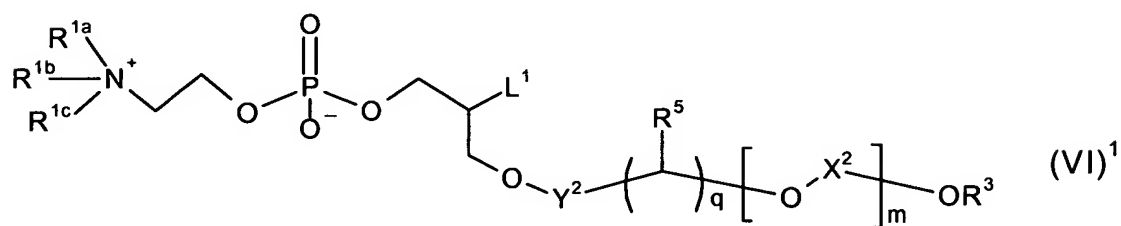


wherein  $\text{R}^{1a}$ ,  $\text{R}^{1b}$ ,  $\text{R}^{1c}$  are as defined above for formula (I) and  $\text{L}^1$  and  $\text{L}^2$  represent leaving groups with a compound of formula (V)<sup>1</sup>



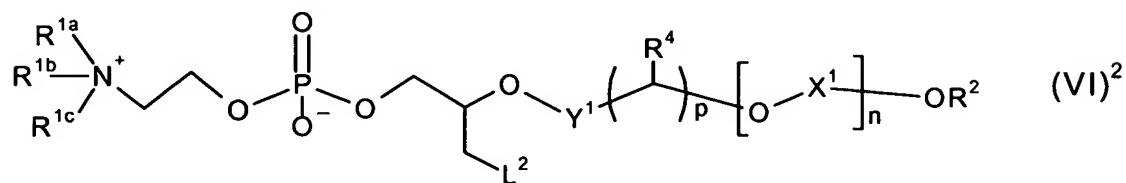
or a salt thereof, wherein  $\text{R}^2$ ,  $\text{R}^4$ ,  $\text{X}^1$ ,  $\text{Y}^1$ ,  $n$  and  $p$  are as defined above for formula (I); or

(e) reacting a compound of formula (VI)<sup>1</sup>

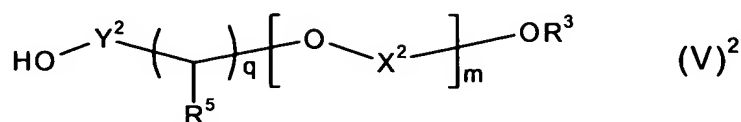


wherein  $\text{R}^{1a}$ ,  $\text{R}^{1b}$ ,  $\text{R}^{1c}$ ,  $\text{R}^3$ ,  $\text{R}^5$ ,  $\text{X}^2$ ,  $\text{Y}^2$ ,  $m$ ,  $q$  and  $\text{L}^1$  are as defined above for formula (I) with a compound of formula (V)<sup>1</sup> or a salt thereof; or

(f) reacting a compound of formula (VI)<sup>2</sup>

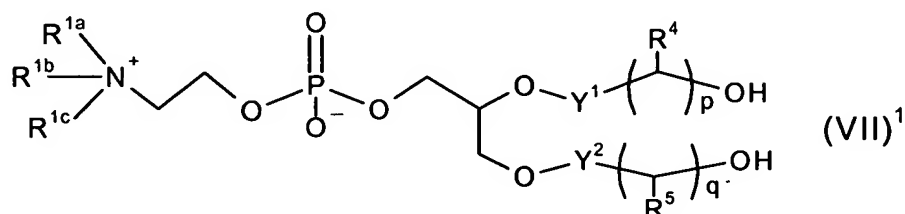


wherein  $R^{1a}$ ,  $R^{1b}$ ,  $R^{1c}$ ,  $R^2$ ,  $R^4$ ,  $X^1$ ,  $Y^1$ ,  $n$ ,  $p$  and  $L^2$  are as defined above for formula (I) with a compound of formula (V)<sup>2</sup>

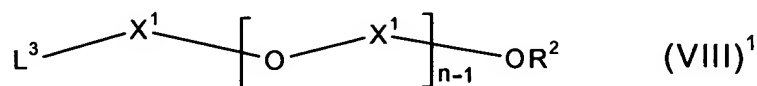


or a salt thereof, wherein  $R^3$ ,  $R^5$ ,  $X^2$ ,  $Y^2$ ,  $m$  and  $q$  are as defined above for formula (I); or

(g) preparing a compound of formula (I), wherein  $R^2$  represents the same as  $R^3$ ,  $X^1$  represents the same as  $X^2$  and  $n$  represents the same as  $m$ , by reacting a compound of formula (VII)<sup>1</sup>



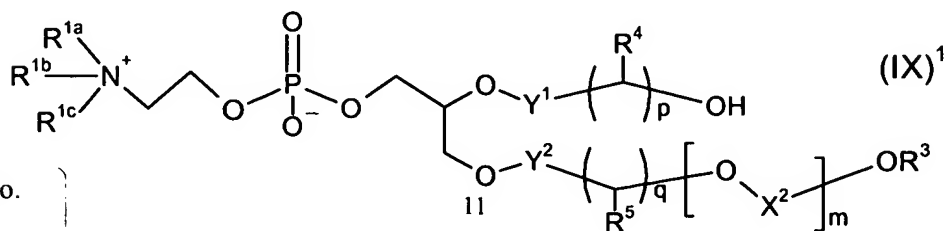
or a salt thereof, wherein  $R^{1a}$ ,  $R^{1b}$ ,  $R^{1c}$ ,  $R^4$ ,  $R^5$ ,  $Y^1$ ,  $Y^2$ ,  $p$  and  $q$  are as defined



above for formula (I) with a compound of formula (VIII)<sup>1</sup>

wherein  $R^2$ ,  $X^1$  and  $n$  are as defined above for formula (I) and  $L^3$  represents a leaving group; or

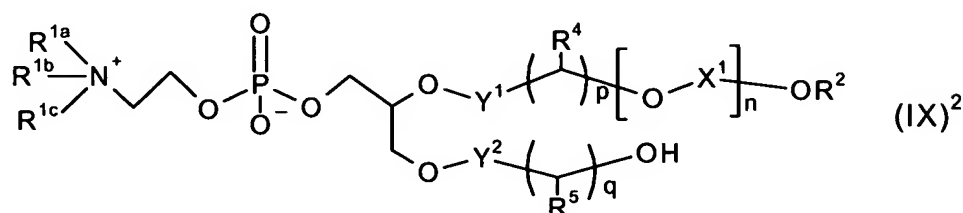
(h) reacting a compound of formula (IX)<sup>1</sup>



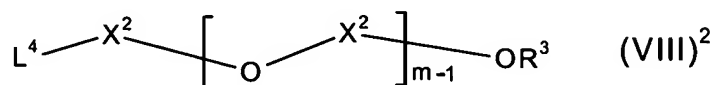


or a salt thereof, wherein  $R^{1a}$ ,  $R^{1b}$ ,  $R^{1c}$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $X^2$ ,  $Y^1$ ,  $Y^2$ ,  $m$ ,  $p$  and  $q$  are as defined above for formula (I) with a compound of formula (VIII)<sup>1</sup>; or

(i) reacting a compound of formula (IX)<sup>2</sup>

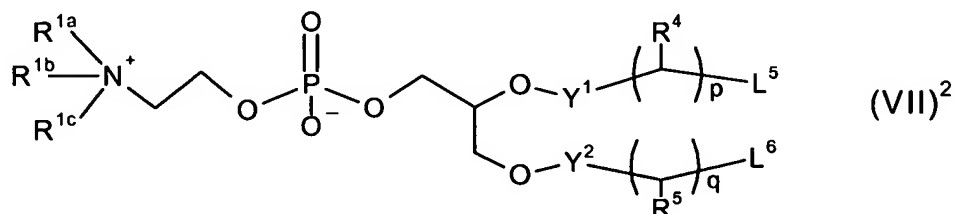


or a salt thereof, wherein  $R^{1a}$ ,  $R^{1b}$ ,  $R^{1c}$ ,  $R^2$ ,  $R^4$ ,  $R^5$ ,  $X^1$ ,  $Y^1$ ,  $Y^2$ ,  $n$ ,  $p$  and  $q$  are as defined above for formula (I) with a compound of formula (VIII)<sup>2</sup>

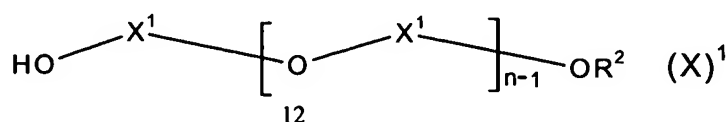


wherein  $R^3$ ,  $X^2$  and  $m$  are as defined above for formula (I) and  $L^4$  represents a leaving group; or

(j) preparing a compound of formula (I) wherein  $R^2$  represents the same as  $R^3$ ,  $X^1$  represent the same as  $X^2$  and  $n$  represents the same as  $m$  by reacting a compound of formula (VII)<sup>2</sup>

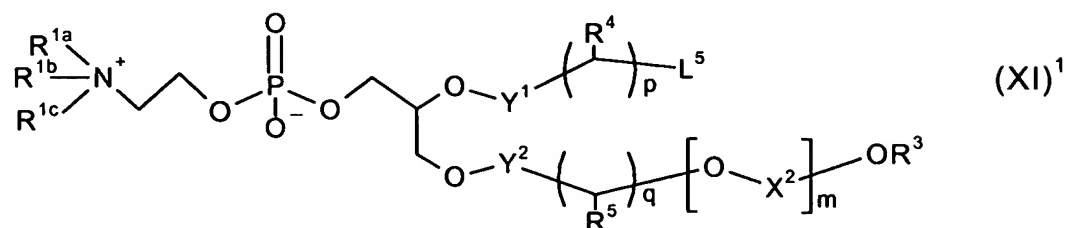


wherein  $R^{1a}$ ,  $R^{1b}$ ,  $R^{1c}$ ,  $R^4$ ,  $R^5$ ,  $Y^1$ ,  $Y^2$ ,  $p$  and  $q$  are as defined above for formula (I) and  $L^5$  and  $L^6$  represent leaving groups, with a compound of formula (X)<sup>1</sup>



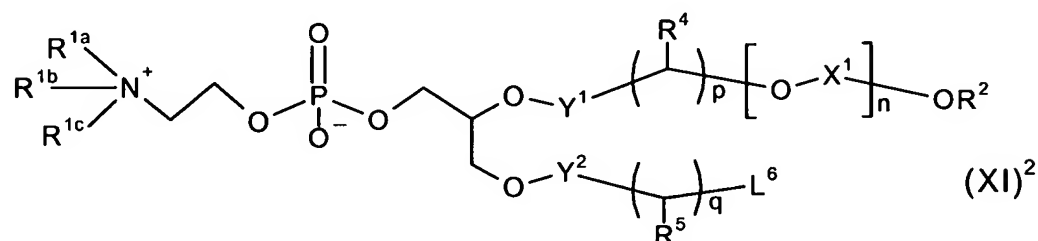
or a salt thereof, wherein  $R^2$ ,  $X^1$  and  $n$  are defined above for formula (I); or

(k) reacting a compound of formula (XI)<sup>1</sup>

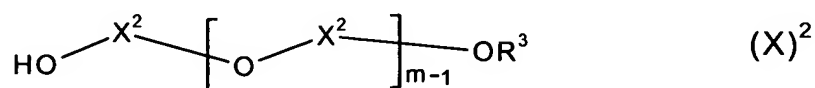


wherein R<sup>1a</sup>, R<sup>1b</sup>, R<sup>1c</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, X<sup>2</sup>, m, p, q and L<sup>5</sup> are as defined above for formula (I), with a compound of formula (X)<sup>1</sup> or a salt thereof; or

(l) reacting a compound of formula (XI)<sup>2</sup>

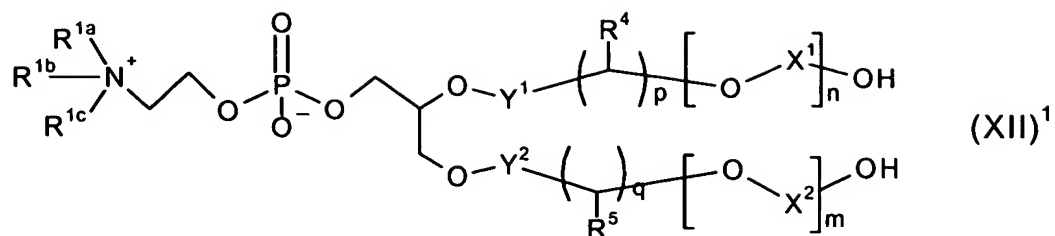


wherein R<sup>1a</sup>, R<sup>1b</sup>, R<sup>1c</sup>, R<sup>2</sup>, R<sup>4</sup>, R<sup>5</sup>, X<sup>1</sup>, Y<sup>1</sup>, Y<sup>2</sup>, n, p, q and L<sup>6</sup> are as defined above for formula (I) with a compound of formula (X)<sup>2</sup>



or a salt thereof, wherein  $R^3$ ,  $X^2$  and  $m$  are as defined above for formula (I); or

(m) preparing a compound of formula (I) wherein R<sup>2</sup> represent the same as R<sup>3</sup>, by reacting a compound of formula (XII)<sup>1</sup>

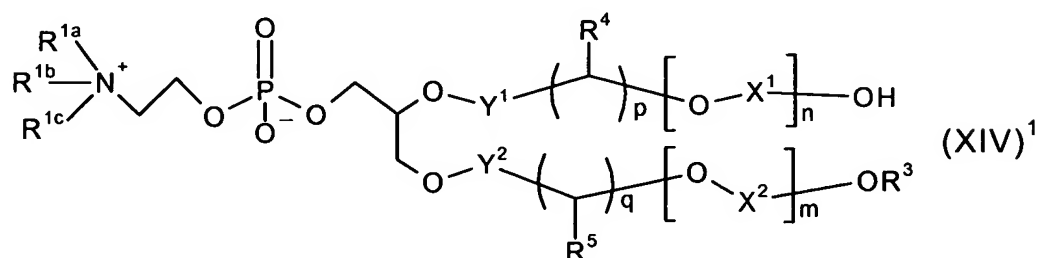


or a salt thereof, wherein  $\text{R}^{1a}$ ,  $\text{R}^{1b}$ ,  $\text{R}^{1c}$ ,  $\text{R}^4$ ,  $\text{R}^5$ ,  $\text{X}^1$ ,  $\text{X}^2$ ,  $\text{Y}^1$ ,  $\text{Y}^2$ ,  $m$ ,  $n$ ,  $p$  and  $q$  are as defined above for formula (I) with a compound of formula (XIII)<sup>1</sup>



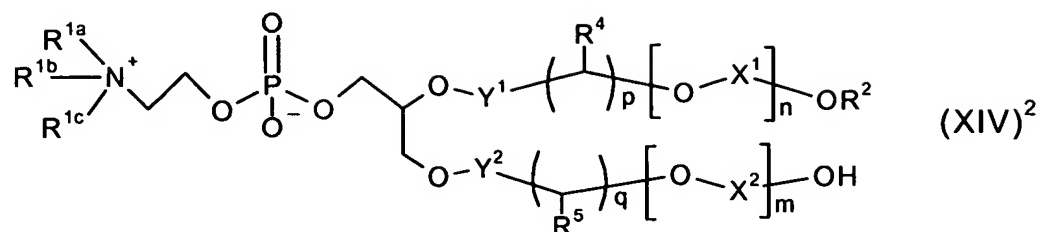
wherein  $\text{R}^2$  is as defined above for formula (I) and  $\text{L}^7$  is a leaving group; or

(n) reacting a compound of formula (XIV)<sup>1</sup>



or a salt thereof, wherein  $\text{R}^{1a}$ ,  $\text{R}^{1b}$ ,  $\text{R}^{1c}$ ,  $\text{R}^3$ ,  $\text{R}^4$ ,  $\text{R}^5$ ,  $\text{X}^1$ ,  $\text{X}^2$ ,  $\text{Y}^1$ ,  $\text{Y}^2$ ,  $m$ ,  $n$ ,  $p$  and  $q$  are as defined above for formula (I) with a compound of formula (XIII)<sup>1</sup>; or

(o) reacting a compound of formula (XIV)<sup>2</sup>



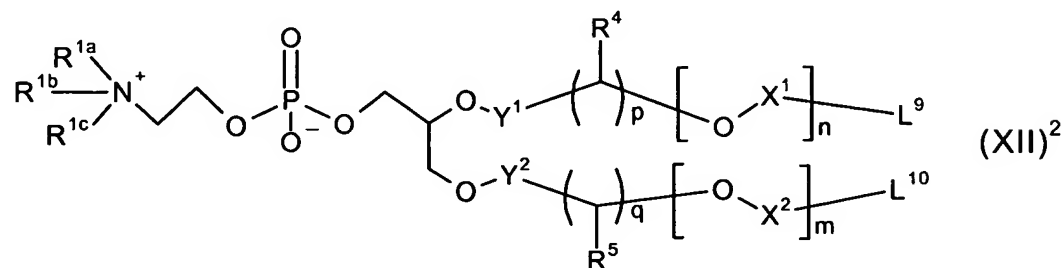
or a salt thereof, wherein  $\text{R}^{1a}$ ,  $\text{R}^{1b}$ ,  $\text{R}^{1c}$ ,  $\text{R}^2$ ,  $\text{R}^4$ ,  $\text{R}^5$ ,  $\text{X}^1$ ,  $\text{X}^2$ ,  $\text{Y}^1$ ,  $\text{Y}^2$ ,  $m$ ,  $n$ ,  $p$  and  $q$  are as defined above for formula (I) with a compound of formula (XIII)<sup>2</sup>



wherein  $\text{R}^3$  is as defined above for formula (I) and  $\text{L}^8$  represents a leaving group;

or

(p) preparing a compound of formula (I) wherein  $\text{R}^2$  represent the same as  $\text{R}^3$  by reacting a compound of formula (XII)<sup>2</sup>

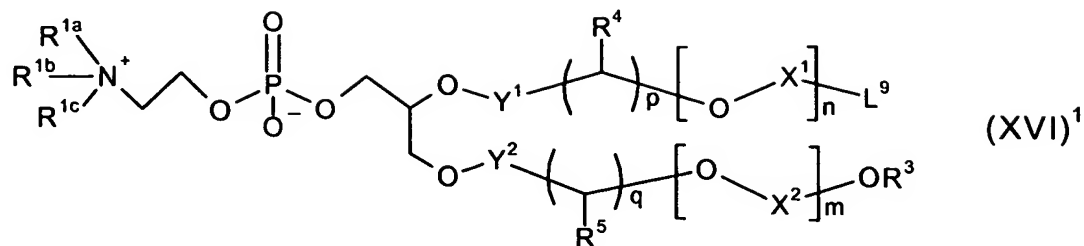


wherein  $\text{R}^{1a}$ ,  $\text{R}^{1b}$ ,  $\text{R}^{1c}$ ,  $\text{R}^4$ ,  $\text{R}^5$ ,  $\text{X}^1$ ,  $\text{X}^2$ ,  $\text{Y}^1$ ,  $\text{Y}^2$ ,  $m$ ,  $n$ ,  $p$  and  $q$  are as defined above for formula (I) and  $\text{L}^9$  and  $\text{L}^{10}$  represent leaving groups, with a compound of formula (XV)<sup>1</sup>

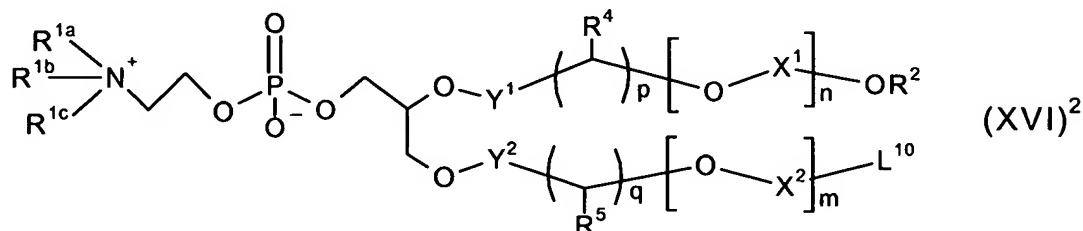


or a salt thereof, wherein  $\text{R}^2$  is as defined above for formula (I); or

(q) reacting a compound of formula (XVI)<sup>1</sup>



wherein R<sup>1a</sup>, R<sup>1b</sup>, R<sup>1c</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, X<sup>1</sup>, X<sup>2</sup>, Y<sup>1</sup>, Y<sup>2</sup>, m, n, p, q and L<sup>9</sup> are as defined above for formula (I), with a compound of formula (XV)<sup>1</sup> or a salt thereof; or  
(r) reacting a compound of formula (XVI)<sup>2</sup>

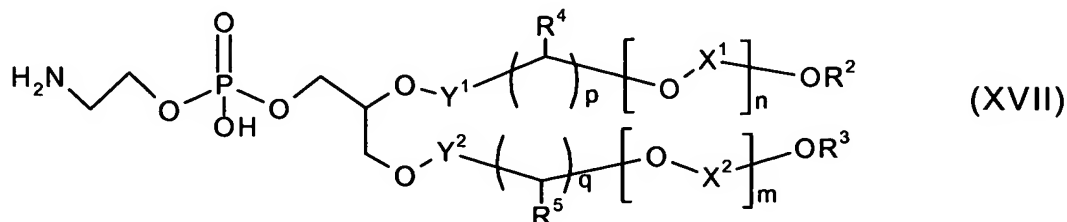


wherein R<sup>1a</sup>, R<sup>1b</sup>, R<sup>1c</sup>, R<sup>2</sup>, R<sup>4</sup>, R<sup>5</sup>, X<sup>1</sup>, X<sup>2</sup>, Y<sup>1</sup>, Y<sup>2</sup>, m, n, p, q and L<sup>10</sup> are as defined above for formula (I), with a compound of formula (XV)<sup>2</sup>



or a salt thereof, wherein R<sup>3</sup> is as defined above for formula (I); or

(s) preparing a compound of formula (I) wherein R<sup>1a</sup> represents the same as R<sup>1b</sup> and R<sup>1c</sup> by reacting a compound of formula (XVII)

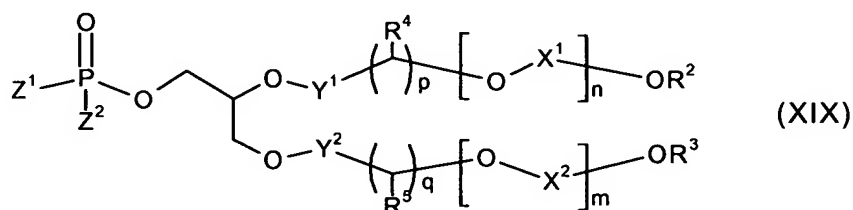


wherein  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $X^1$ ,  $X^2$ ,  $Y^1$ ,  $Y^2$ ,  $m$ ,  $n$ ,  $p$  and  $q$  are as defined above for formula (I) with a compound of formula (XVIII)

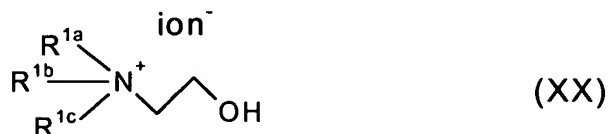


wherein  $R^{1a}$  is as defined above for formula (I) and  $L^{11}$  represents a leaving group; or

(t) preparing a compound of formula (I) wherein  $R^2$  and  $R^3$  independently represent  $C_{1-4}$  alkyl optionally substituted by up to 5 fluorine atoms, by reacting a compound of formula (XIX)

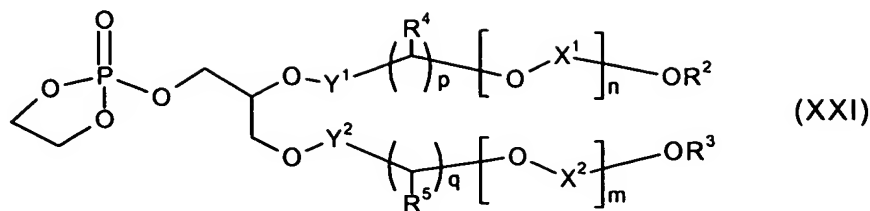


wherein  $R^2$  and  $R^3$  independently represent  $C_{1-4}$  alkyl optionally substituted with up to 5 fluorine atoms and  $R^4$ ,  $R^5$ ,  $X^1$ ,  $X^2$ ,  $Y^1$ ,  $Y^2$ ,  $m$ ,  $n$ ,  $p$  and  $q$  are as defined above for formula (I) and  $Z^1$  and  $Z^2$  represent a halogen with a compound of formula (XX)



wherein  $R^{1a}$ ,  $R^{1b}$  and  $R^{1c}$  are as defined above for formula (I) and  $\text{ion}^-$  represents a negative counter ion (~~e.g. chloro~~) followed by aqueous work up; or

(u) reacting a compound of formula (XXI)



wherein  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $X^1$ ,  $X^2$ ,  $Y^1$ ,  $Y^2$ ,  $m$ ,  $n$ ,  $p$  and  $q$  are as defined above for formula (I) with a compound of formula (XXII)



or a salt thereof, wherein  $R^{1a}$ ,  $R^{1b}$ , and  $R^{1c}$  are as defined above for formula (I).

Claim 21 (New): A method of treating a respiratory disorder comprising administering an effective amount of a pharmaceutical aerosol formulation according to claim 12 to a patient in need thereof.

Claim 22 (New): A method of treating a respiratory disorder comprising administering an effective amount of a pharmaceutical aerosol formulation according to claim 13 to a patient in need thereof.

Claim 23 (New): A method of treating a respiratory disorder comprising administering an effective amount of a pharmaceutical aerosol formulation according to claim 14 to a patient in need thereof.